

## CLAIM AMENDMENTS

1           1. (currently amended) Method A method for the  
2         controlled delivery of digital services within a plurality of  
3         providers (SP) and users (U), wherein said services are identified  
4         by respective stream of encoded digital data emitted by said  
5         providers (SP) and the users are provided with reception means  
6         receiver (STB) to receive said digital data streams, the reception  
7         means receiver being selectively enabled to make use of determined  
8         services through a respective user unit (105), characterized in  
9         that it comprises comprising the operations steps of:  
10                 incorporating into said coded digital data streams at  
11         least one algorithm for enabling the use of respective determined  
12         services (TMW2),  
13                 incorporating into said coded digital data streams a  
14         respective identifying code (EMM) for each user (U) to be enabled  
15         to receive a certain service,  
16                 associating to said user unit (105) a processing function  
17         (VM) capable of recognizing and executing said at least one  
18         enabling algorithm by exploiting said identifying code to enable  
19         the receiving means receiver (STB) of the respective user to make  
20         use of said service.

1           2. (currently amended) Method The method according to  
2 claim 1, characterized in that it which comprises the operation  
3 step of configuring said user unit (105) as a movable processing  
4 support uniquely assigned to one of said users (1) and arranged to  
5 be selectively associated to said reception means receiver (STB),  
6 said reception means receiver (STB) being of a generalized type  
7 common to multiple users of said plurality (U).

1           3. (currently amended) Method The method according to  
2 claim 2, characterized in that it which comprises the operation  
3 step of configuring said movable processing support as a smart  
4 card.

1           4. (currently amended) Method The method according to  
2 any of the previous claims, characterized in that it claim 3 which  
3 comprises the following operations steps of:

4           associating to said reception means receiver (STB) a  
5 trusted middleware (TMW) function,

6           configuring said trusted middleware function into a  
7 static part (TMWI), residing on said reception means receiver  
8 (STB), and a dynamic part (TMW2) arranged to be selectively  
9 transferred onto said user unit (105) in view of the execution of  
10 said at least one algorithm by said processing function (VM).

11           5. (currently amended) Method The method according to  
12 ~~any of the previous claims, characterized in that it claim 3 which~~  
13 ~~comprises the following operations steps of:~~

14                 configuring said digital data streams as MPEG data  
15 streams containing EMM messages,  
16                 inserting said identifying code in to the EMM messages,  
17 activating, through said user unit (105) and upon  
18 reception of said at least one algorithm, the performance of the  
19 following functions:  
20                 extracting, reading and deciphering the EMM messages  
21 contained in the digital data stream received,  
22                 interpreting said identification code contained in the  
23 EMM messages,

24                 executing said at least one enabling algorithm by  
25 exploiting said identification code.

1           6. (currently amended) Method The method according to  
2 ~~any of the previous claims, characterized in that claim 3 wherein~~  
3 ~~said at least one enabling algorithm is incorporated in to a stream~~  
4 ~~of private data within said digital data stream.~~

1           7. (currently amended) Method The method according to  
2 claim 3 wherein any of the previous claims, characterized in that,

3       upon reception of said at least one algorithm, said processing  
4       function (VM) enables said reception means receiver to operation as  
5       transmitters to transmit information about the delivery of the  
16      service itself.

*A  
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B*  
1       8. (currently amended) System A system for the  
2       controlled delivery of digital services by a plurality of providers  
3       (SP) to a plurality of users (U), wherein said services are  
4       identified by respective coded digital data streams delivered by at  
5       least one device for at least one service provider said providers  
6       (SP) and the users are provided with receiving means at least one  
7       receiver (STB) for at least one user to receive said digital data  
8       streams, the receiving means receiver being selectively enabled to  
9       make use of determined services through a respective user unit  
10      (105), characterized in that wherein:

11            said providers (SP) are arranged to incorporate into the  
12       respective encoded digital data streams at least one algorithm for  
13       enabling use of respective determined services, as well as to  
14       incorporate into said digital data streams a respective  
15       identification code (TMW2) for each user (U) to be enabled to  
16       receive a determined service, and

17            said user units (105) have associated thereto a  
18       processing function (VM) arranged to recognize and execute said at

19 least one algorithm on the basis of said identifying code, to  
20 enable the receiving means receiver (STB) of the respective user to  
21 make use of said service.

A  
ABR 14  
B  
9. (currently amended) System The system according to  
2 claim 8, characterized in that wherein said user units (105) are  
3 configured as removable processing supports uniquely assigned each  
4 to one of said users (1) and arranged to be selectively associated  
5 to said receiving means receiver, said receiving means receiver  
6 being of a generalized type common to multiple users of  
7 said plurality (U).

8 10. (currently amended) System The system according to  
9 claim 9, characterized in that wherein said movable processing  
10 supports are configured as smart cards.

1 11. (currently amended) System The system according to  
2 any of claims claim 8 to 10, characterized in that wherein:  
3 said receiving means receiver have has associated thereto  
4 a trusted middleware function (TMW) configured in a static part  
5 (TMW1), residing on said receiving means receiver (STB), and in a  
6 dynamic part (TMW2) arranged to be selectively transferred on the

7       respective user unit (105) in view of the execution of said at  
8       least one algorithm by said processing function (VM).

*A*  
*B*  
1       12. (currently amended) System The system according to  
2       any of claims claim 8 through 11, characterized in that wherein  
3       said service providers emit said digital data streams as MPEG data  
4       streams containing EMM messages with said identifying code inserted  
5       in said EMM messages, and said receiving means receiver comprises:  
6               means modules for extracting, reading and deciphering the  
7       EMM messages contained in the received digital data stream,  
8               means modules (103, 104) for interpreting said  
9       identifying code contained in the EMM messages, and  
10          processing means modules (VM) to execute said at least  
11       one enabling algorithm on the basis of said identifying code.

1       13. (currently amended) System The system according to  
2       any of claims claim 8 through 12, characterized in that wherein  
3       said service providers incorporate said at least one enabling  
4       algorithm into a stream of private data within said digital data  
5       streams.

1       14. (currently amended) System The system according to  
2       claim 13, characterized in that the receiving means receiver can be

3 activated by said user unit (105) upon reception of said at least  
4 one algorithm for operation as transmitters to transmit information  
5 about the delivery of the service itself.

*A  
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15. (currently amended) System The system according to  
2 any of claims claim 8 through 14, characterized in that wherein  
3 said user unit (105) is configured as a Java Card.

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